

CLAIMS

1. A connection assembly for connection to the mouth of a flexible container, the connection assembly comprising:

an inner ring having an inner flange around its external diameter;

5 an outer ring having a recess around its inner diameter sized to engage the inner flange; and

the inner and outer rings being adapted to interengage to trap the mouth between the inner and outer rings.

2. A connection assembly as claimed in claim 1, wherein the inner ring is adapted to
10 snap fit into engagement with the outer ring.

3. A connection assembly as claimed in either of claims 1 or 2, wherein the outer ring has an outer flange around its external diameter,
the connection assembly further comprising a sealing ring sized to abut the inner and outer flange.

4. A connection assembly as claimed in claim 3, further comprising a clamping ring
15 for clamping the outer ring and sealing ring together.

5. A connection assembly as claimed in claim 4, wherein the clamping ring has at least two parts hinged for relative movement, and a clamping mechanism for clamping the at least two parts together.

6. A connection assembly as claimed in any one of claims 3 to 5, wherein the inner ring has a guiding recess on its inner diameter adapted to abut the guiding projection on the sealing ring so as to accurately position inner ring and sealing ring.

7. A connection assembly as claimed in any one of claims 1 to 6, further comprising an O ring positioned between the inner flange and the recess.

-9-

8. Connection assembly as claimed in any preceding claim, further comprising a lip on the outer flange.

9. Connection assembly as claimed in any preceding claim, further comprising a membrane at least over the aperture of the inner ring.

5 10. A flexible container having a connection assembly as claimed in any of the preceding claims, wherein an opening of the container is delimited by the internal diameter of the inner ring, and the material of the container is folded over the inner ring such that it is trapped between the recess and the inner flange.

10 11. A connection assembly substantially as hereinbefore described, with reference to the accompanying drawings.

12. A flexible container having a connection assembly substantially as hereinbefore described, with reference to the accompanying drawings.